

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 April 2001 (05.04.2001)

PCT

(10) International Publication Number
WO 01/23239 A1

- (51) International Patent Classification⁷: **B62B 3/14**
- (21) International Application Number: **PCT/NO00/00319**
- (22) International Filing Date:
28 September 2000 (28.09.2000)
- (25) Filing Language: **Norwegian**
- (26) Publication Language: **English**
- (30) Priority Data:
19994728 29 September 1999 (29.09.1999) **NO**
- (71) Applicants and
(72) Inventors: **SANDVIK, Dag, Harald [NO/NO]; Trol-
lvik, N-9300 Finnsnes (NO). CRUICKSHANK, Arve
[NO/NO]; Trolvik, N-9300 Finnsnes (NO).**

(81) Designated States (*national*): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

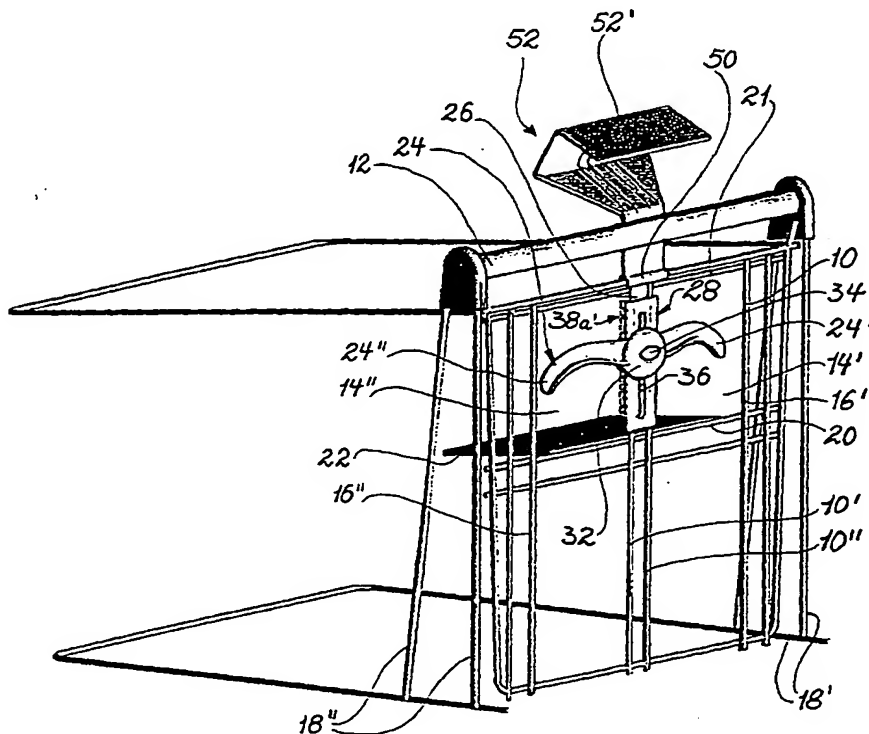
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

- (74) Agents: **HÅMSØ, Eivind et al.; Håmsø Patentbyrå ANS, P.O. Box 171, N-4302 Sandnes (NO).**

Published:
— With international search report.

[Continued on next page]

(54) Title: **DEVICE FOR CHILD SEAT IN A SHOPPER TROLLEY**



(57) Abstract: A safety device in connection with a child seat in a shopper trolley. The safety device prevents a child, placed on the seat (22), from being able to pull its legs out of the openings formed through the end wall (10) of the shopper trolley. The child seat (22) is pivotally suspended from the end wall (10), which can preferably be swung inwards/upwards in the shopper trolley about a horizontal axis, when shopper trolleys are being stacked horizontally. The child seat (22) is placed adjacent to said through openings (14', 14'') for the child's legs. At their bottoms and sides the openings are defined by elements (10', 10'', 16', 16'', 20) included in said end wall (10). To said openings (14', 14'') for the child's legs through the end wall (10) there is arranged an above-lying safety element (24), adjustable heightways, which is included in said safety device, and can restrict said openings (14', 14'') when being lowered, after the child's legs have been put through

said openings (14', 14'') and are outside the shopper trolley, to the rear of said end wall (10). The stationary part (28) of the height-adjusting device of the safety element (24) may carry, at its top, an angled or bent plate-like support (52), known in itself, for information/advertisements etc.

WO 01/23239 A1